PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	139-011D
First Inventor	Jang, et al.
Title	ONE PIECE INTERCONNECT FROM CHANNEL CHIP TO HEAD SLIDE
Express Mail Label No.	EV330476264US

	ATION ELEM		ıts.	ADDR	ESS TO:	Mall St P.O. Bo	op Patent ox 1450	or Patents Application 2313-1450	
See MPEP chapter 600 concerning utility patent application contents.					Alexan	oria, va z	2313-1450		
2. Applicant claims: See 37 CFR 1.27 3. X Specification (preferred arrangeme - Descriptive title	[Total Pa nt set forth below) of the invention	ges 17	1		Computer I cleotide and/o	Program (Ap or Amino Acid	pendix) d Sequer e Form ((,	031088 U.S. PTO 10/693466
 Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention 			C.	ii. pa		g identity	of above copies		
- Brief Description - Detailed Description	on of the Drawings	(if filed)			ACCOMP	ANTING A	PPLICA	ATION PARTS	
- Claim(s) - Abstract of the	•			9	37 CFR 3.7	3(b) Statemer	nt 🗀	et & document(s)) Power of Attom	ey
4. X Drawing(s) (35 U	.S.C. 113) Total	Sheets 11	٦ı	11.	¬`	<i>is an assigne</i> anslation Do	,	if applicable)	
5. Oath or Declaration	, -	Sheets 2] ;	12.	 ☐ Information	Disclosure		Copies of IDS (Citations
a. Newly execut	Newly executed (original or copy) 12. Statement (IDS)/PTO-1449 13. Preliminary Amendment								
b. X Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR				14. X 15. L	(Should be Certified Confirming for foreign properties of the Confirming for foreign properties of the Certified Confirming for foreign properties of the Certified Ce		itemized, ty Docum imed) t under 3) nent(s) 35 U.S.C. 122	
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76				17.	or its equiv	alent.	•••••	ch form PTO/SB/3	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the									
specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Prior application information: Examiner Eun Kyu Jang Ant Unit: 2652 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
		19. CORR	ESPONI	DENCE A	DDRESS				
X Customer Number of	X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label) OR Correspondence address below						low		
Name Gregory Smith & Associates									
Address	3900 Newpark Mall Road, Suite 317								
City	Newark State CA Zip Code 94560								
Country	US			-	510) 742-7417		Fax	(510) 742-7419	
	Name (Print/type) GREGORY SCOPT SMITH Registration No. (Attorney/Agent) 38309								
Name (Print/type)	GREGORT SCO	7 1 31/11/12	\angle	negisirau	JITINO. (MILOTTIC)	nnyeriy _	Date	10/23	63

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (05-03)

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 770.00

Complete if Known					
Application Number	Not yet known				
Filing Date	October 23, 2003				
First Named Inventor	Jang, et al.				
Examiner Name	Not yet known				
Art Unit	Not yet known				
Attorney Docket No.	139-011D	_			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check X Credit card Money Order None	3. ADDITIONAL FEES					
X Deposit Account	Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Denosit	Code	(\$)	Code	(\$)	•	1001410
Account Number 502276	1051	130	2051	65	Surcharge – late filing fee or oath	
Deposit Account Name	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
X Charge fee(s) indicated below X Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filling fee	1805	1.840*	1805	1.840*	Requesting publication of SIR after	
to the above-identified deposit account.		.,00		.,00	Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	1,970	2255	985	Extension for reply within fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	1452	110	2452	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$) 770.00	1453	1,300	2453	650	Petition to revive – unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	470	2502	235	Design issue fee	
Total Claims 6 -20**= 0 X 18 = 0.00	1503	630	2503	315	Plant issue fee	
Independent 1 - 3**= 0 X 86 = 0.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	property (times number of properties) Filing a submission after final rejection (37 CFR § 1.129(a))	
1201 86 2201 43 Independent claims in excess of 3	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1203 280 2203 140 Multiple dependent claim, if not paid	1801	750	2801	375	Request for Continued Examination (RCE)	
1204 84 2204 42 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent					and a construction	
SUBTOTAL (2) (\$)0.00	Other fee (specify)					
** or number previously paid, if greater, For Reissues, see above	*Reduc	ed by Bas	ic Filing	Fee Paid	SUBTOTAL (3) (\$)	

SUBMITTED BY		Complete (if applicable)
Name (Print/Type)	GREGORY SCOTT SMITH Registration No. (Attorney/Agent) 38309	Telephone (510) 742-7417
Signature		Date /0/23/03

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